## **EAST Search History**

| Ref<br># | Hits  | Search Query  | DBs                              | Default<br>Operator | Plurals | Time Stamp       |
|----------|-------|---|----------------------------------|---------------------|---------|------------------|
| L11      | 2     | L10 AND (optical\$4 NEAR20 resolution\$4)   | EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2006/05/17 17:51 |
| L5       | 222   | L4 AND (optical\$4 NEAR20 resolution\$4)  | US-PGPUB;<br>USPAT               | OR                  | OFF     | 2006/05/17 17:51 |
| L10      | 201   | L9 AND etch\$4  | EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2006/05/17 17:50 |
| L9       | 255   | L8 AND (((side\$4 NEAR5 wall\$4)<br>OR side\$1wall\$4) NEAR20<br>spacer\$4)   | EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2006/05/17 17:50 |
| L4       | 9936  | L3 AND etch\$4  | US-PGPUB;<br>USPAT               | OR                  | OFF     | 2006/05/17 17:50 |
| L3       | 10038 | L2 AND (((side\$4 NEAR5 wall\$4)<br>OR side\$1wall\$4) NEAR20<br>spacer\$4)   | US-PGPUB;<br>USPAT               | OR                  | OFF     | 2006/05/17 17:50 |
| L8       | 829   | (photo\$1lithograph\$4 OR<br>lithograph\$4) AND ((side\$4 NEAR5<br>wall\$4) OR side\$1wall\$4) AND<br>(trench\$4 OR via\$2 OR opening\$4<br>OR cavit\$4 OR aperture\$4) | EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2006/05/17 17:48 |
| L2       | 39580 | (photo\$1lithograph\$4 OR<br>lithograph\$4) AND ((side\$4 NEAR5<br>wall\$4) OR side\$1wall\$4) AND<br>(trench\$4 OR via\$2 OR opening\$4<br>OR cavit\$4 OR aperture\$4) | US-PGPUB;<br>USPAT               | OR                  | OFF     | 2006/05/17 17:48 |
| L7       | 21    | L1 AND L6   | US-PGPUB;<br>USPAT               | OR                  | OFF     | 2006/05/17 17:47 |
| L6       | 146   | L5 AND (polish\$4 OR planariz\$4)   | US-PGPUB;<br>USPAT               | OR                  | OFF     | 2006/05/17 17:47 |
| Li       | 15348 | ((438/637,639,690-693,700,706,<br>710,723,725,733) or (430/311,<br>313,317)).CCLS.  | US-PGPUB;<br>USPAT               | OR                  | OFF     | 2006/05/17 17:47 |
| S12      | 1     | ("5843625").PN.   | US-PGPUB;<br>USPAT               | OR                  | OFF     | 2006/05/17 17:45 |
| S11      | 62    | S10 AND (low\$4 NEAR3<br>di\$1electric\$4)  | US-PGPUB;<br>USPAT               | OR                  | OFF     | 2006/05/17 14:14 |
| S10      | 146   | S9 AND (polish\$4 OR planariz\$4)   | US-PGPUB;<br>USPAT               | OR                  | OFF     | 2006/05/17 09:56 |
| S9       | 222   | S8 AND (optical\$4 NEAR20 resolution\$4)  | US-PGPUB;<br>USPAT               | OR                  | OFF     | 2006/05/17 09:56 |
| S8       | 9936  | S7 AND etch\$4  | US-PGPUB;<br>USPAT               | OR                  | OFF     | 2006/05/17 09:56 |

## **EAST Search History**

| <b>S</b> 7 | 10038 | S6 AND (((side\$4 NEAR5 wall\$4)<br>OR side\$1wall\$4) NEAR20<br>spacer\$4)   | US-PGPUB;<br>USPAT | OR | OFF | 2006/05/17 09:56 |
|------------|-------|---|--------------------|----|-----|------------------|
| S6         | 39580 | (photo\$1lithograph\$4 OR<br>lithograph\$4) AND ((side\$4 NEAR5<br>wall\$4) OR side\$1wall\$4) AND<br>(trench\$4 OR via\$2 OR opening\$4<br>OR cavit\$4 OR aperture\$4) | US-PGPUB;<br>USPAT | OR | ÖFF | 2006/05/17 09:56 |
| S5         | 146   | S4 AND (polish\$4 OR planariz\$4)   | US-PGPUB;<br>USPAT | OR | OFF | 2006/05/16 17:25 |
| S4         | 222   | S3 AND (optical\$4 NEAR20 resolution\$4)  | US-PGPUB;<br>USPAT | OR | OFF | 2006/05/16 17:25 |
| S3         | 9936  | S2 AND etch\$4  | US-PGPUB;<br>USPAT | OR | OFF | 2006/05/16 17:23 |
| S2         | 10038 | S1 AND (((side\$4 NEAR5 wall\$4)<br>OR side\$1wall\$4) NEAR20<br>spacer\$4)   | US-PGPUB;<br>USPAT | OR | OFF | 2006/05/16 17:23 |
| S1         | 39580 | (photo\$1lithograph\$4 OR<br>lithograph\$4) AND ((side\$4 NEAR5<br>wall\$4) OR side\$1wall\$4) AND<br>(trench\$4 OR via\$2 OR opening\$4<br>OR cavit\$4 OR aperture\$4) | US-PGPUB;<br>USPAT | OR | OFF | 2006/05/16 16:48 |

5/17/2006 5:51:36 PM
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